

2010 Soil Fumigant Labeling – Stop Work Trigger Demonstration Table

The table below summarizes examples of air monitoring and respiratory protection requirements by product.

PRODUCT LABEL	Starting Respiratory Protection	STOP WORK TRIGGER 1	Trigger 1 in effect until	STOP WORK TRIGGER 2 Handlers wearing respirator	Trigger 2 in effect until
Tri-Chlor Fumigant EPA reg. # 58266-2	None No air sampling	Handler experiences irritation STOP WORK or wear full-face TC-23C or TC-14G Air sampling every 2 hours	Two consecutive readings 15 minutes apart less than 0.15 ppm chloropicrin	Handler experiences irritation or air sample equal or greater than 1.5 ppm chloropicrin – STOP WORK	Two consecutive readings 15 minutes apart between 0.15 ppm and 1.5 ppm
(MeBr) 98-2 EPA reg. # 8622-12	Half- face 3M Model 60928/ Air sampling every hour *1.	Handler experiences irritation or MB reading of 5 ppm or pic reading of 1.5 ppm STOP WORK	Two consecutive readings 15 minutes apart less than 5 ppm MB and 0.15 ppm chloropicrin	None	None
Tri-Con 80/20 EPA reg. # 58266-1-11220	Labeling -None <u>No air sampling</u> *1.	Handler experiences irritation STOP WORK or wear full-face 3M Model 60928/ Air sampling every 2 hours	Two consecutive readings 15 minutes apart less than 1 ppm MB and 0.15 ppm chloropicrin	Handler experiences irritation or air sample equal or greater than 5 ppm MB or 1.5 ppm chloropicrin –STOP WORK	Two consecutive readings 15 minutes apart between 1 and 5 ppm MB and 0.15 and 1.5 ppm chloropicrin
Telone C-35 EPA reg. # 62719-302	None (soil sealing) No air sampling	Handler experiences irritation STOP WORK or wear full-face TC-23C or TC-14G Air sampling every 2 hours	Two consecutive readings 15 minutes apart less than 0.15 ppm chloropicrin	Handler experiences irritation or air sample equal or greater than 1.5 ppm chloropicrin – STOP WORK	Two consecutive readings 15 minutes apart between 0.15 ppm and 1.5 ppm
Vapam HL EPA reg. # 5481-468	*None or full-face TC-23C or TC-14G Air sampling every 2 hours if respirators worn *2.	*Handler experiences irritation or MITC reading of 600 ppb STOP WORK or wear full-face TC-23C or TC-14G Air sampling every 2 hours	Two consecutive readings 15 minutes apart less than 600 ppb MITC	Handler experiences irritation or air sample equal or greater than 6000 ppb MITC	Two consecutive readings 15 minutes apart between 600 and 6000 ppb MITC

1. 3CCR 6784(b) requires half or full-face respirator protection dependent on hours worked. 2. Vapam labeling requires respiratory protection for some tasks.